
From: Palomeque, Adrian
To: Patterson, Leslie
Sent: 9/29/2016 6:02:47 PM
Subject: RE: SDDL webpage updates (3)
Attachments: South_Dayton_Dump_& Landfill PHA 9-30-2008.pdf

Leslie,

I did a search in the internet and just found the final ATSDR Public Health Assessment document published on September 30, 2008. I attached the document in this email. If you want I can have the document added to SEMS and also add it to the SDDL website, or if you prefer I'll leave it off from SEMS and the website, just let me know what you prefer.

Thanks

Adrian

Adrian Palomeque

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From: Patterson, Leslie

Sent: Thursday, September 29, 2016 12:46 PM

To: Palomeque, Adrian

Subject: RE: SDDL webpage updates (2)

It says it was released for public comment, so I think it's ok to release. I don't know if it was ever finalized. There is no public interest in this site, so leaving it off the website is ok too. Either way.

Leslie Patterson

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From: Palomeque, Adrian
Sent: Thursday, September 29, 2016 12:44 PM
To: Patterson, Leslie <patterson.leslie@epa.gov>
Subject: RE: SDDL webpage updates (2)

Leslie,

Just to double check. Even though the ATSDR health assessment is a draft you still want me to add it to the **Additional Reports and Documents**, correct?

Thanks.

Adrian

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From: Patterson, Leslie
Sent: Thursday, September 29, 2016 11:16 AM
To: Palomeque, Adrian <Palomeque.Adrian@epa.gov>
Subject: RE: SDDL webpage updates

For the ATSDR health assessment, it is draft, see SEMS # 440027. The NPL factsheet was a webpage, so there's no pdf.

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From: Palomeque, Adrian
Sent: Thursday, September 29, 2016 10:59 AM
To: Patterson, Leslie <patterson.leslie@epa.gov>
Subject: RE: SDDL webpage updates

Leslie,

Good morning. I want to let you know that I made the changes to the SDDL webpage that we previously talked about.

Sorry it took this long to make the changes but I put it aside from my immediate "to-do" list and I didn't realize I had not finished that task until earlier this week.

After reviewing the website this morning, I noticed there are 3 minor corrections that still need to be made.

- 1) Need to make a change to Madelyn Adams email address (has an extra letter "A")
- 2) In the **Information Repositories** section there is an extra white space before the word "Kettering".
- 3) At the end of the **Background** section and the **What is the Current Status** section there are some extra quotation marks at the end of the information.

These three changes mentioned above should be done today by Region 5 Web Support and the webpage should be updated tomorrow morning, since changes made to the webpages are completed at 8 a.m. the following morning.

On a separate issue, I had previously mentioned that I would add seven documents to the "**Additional Reports and Documents**" section of the website (see item 10 in the email below). All those documents are in the website now except the two listed below. I searched in SEMS and other places trying to find them but I was not able to. If you still want these two documents added I can take care of that but you will have to provide me pdf copies of them because I could not find them anywhere.

1. National Priorities List (NPL) Fact sheet for South Dayton Dump and Landfill September 2004
2. Agency for Toxic Substances and Disease Registry Public Health Assessment for South Dayton Dump and Landfill

Let me know if you have any questions or comments.

Thanks

Adrian

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From: Palomeque, Adrian
Sent: Wednesday, July 20, 2016 5:18 PM
To: Patterson, Leslie <patterson.leslie@epa.gov>
Subject: RE: SDDL webpage updates (3)

Thanks Leslie!

The only thing I still need is the new 2016 AOC document since I don't have a copy of it yet.

I'll let you know when the changes are completed.

Adrian

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From: Patterson, Leslie
Sent: Wednesday, July 20, 2016 5:10 PM
To: Palomeque, Adrian <Palomeque.Adrian@epa.gov>
Subject: RE: SDDL webpage updates (2)

Hi Adrian,

I've attached a couple of pictures of the site that we can use.

I agree with deleting #2 and #3.

For #10, I attached another AOC for removal that can be listed.

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From: Palomeque, Adrian
Sent: Wednesday, July 20, 2016 4:24 PM
To: Patterson, Leslie <patterson.leslie@epa.gov>
Subject: RE: SDDL webpage updates (2)

Leslie,

Here are the changes I will make to the website:

Good afternoon. I am sending you this email because the SDDL webpage needs some updates.

Attached is a picture of the SDDL webpage showing the areas that need to be updated and below is a description of each of them:

1) The **"Information Repositories"** link is missing. I plan to add the link and place the information below.

Kettering-Moraine Public Library
3496 Far Hills Ave.
Kettering, OH 45429
Phone: (937) 463-BOOK/2665

2) The **"Sampling and Monitoring Information"** section is empty. I will remove that section so it doesn't show on the website as having no information; unless you want me to add some information in that section, if so please forward me the information you would like entered.

3) The **"Redevelopment Activity"** section does not have the appropriate information. It currently provides a little bit of historic background about the site but it doesn't provide redevelopment information. I recommend deleting this link unless there is some redevelopment information you would like to place there.

4) I will add a **"Community Resources"** link within the "Protecting the Environment Section" and will place the following information in it:
Information regarding contaminated sites in the State of Ohio can be found in the Ohio Environmental Protection Agency's Division of Environmental Response and Revitalization website here.

The link will take people to:
<http://www.epa.state.oh.us/derr/EnvironmentalResponseandRevitalization.aspx>

5) The **"Background"** section will remain the same as stated in your attachment.

6) I will place the information you provided for the **"Site Updates /July 2016"** in the **"What is the Current Site Status"** section of the webpage.
"In June 2016, EPA and several PRPs entered into a new Administrative Settlement Agreement and Order on Consent, under which the PRPs will collect additional samples of soil, groundwater, and sediment to characterize the site, understand the risks to human health and the environment, and develop remedial alternatives

to address site risks. Sample collection is expected to begin in fall 2016.

Based on sampling of groundwater, soil gas, sub-slab air, and indoor air in 2012, EPA documented a completed exposure pathway for vapor intrusion at the SDDL Site. Vapor intrusion occurs when chemicals in landfill materials and ground water give off gases that can rise up through the soil and seep into buildings through foundations. What You Should Know About Vapor Intrusion (PDF) (2pp, 84K). In order to reduce the sub-slab and indoor levels of TCE and methane, EPA issued an Action Memo in October, 2012, that required the PRPs to install sub-slab depressurization systems at several on-site buildings. These systems, similar to radon mitigation systems, have been installed in several buildings along Dryden Road and are drawing TCE, methane and other vapors out of the soil under the buildings and vent them outside.

As of summer 2016, most of the buildings are in compliance with indoor air and sub-slab vapor requirements, but additional modifications were made to the depressurization systems of a few buildings in early 2016. EPA will review the sampling data from these buildings to determine if they are now in compliance."

7) I will remove the information that is now in the **"What is the Current Site Status"** section and transfer it to the **"EPA's Involvement at this Site"** section. The information that is in red font will be erased and will not be transferred to the **"EPA's Involvement at this Site"** section.

"Cleanup activities to date have included the removal of several drums and 2,217 tons of contaminated soil uncovered on Valley Asphalt's property when a sewer line was being excavated.

Site investigations from 2008 to 2010 included a geophysical survey, test pit and test trench sampling, vertical aquifer sampling, landfill gas sampling, and groundwater monitoring well installation and sampling. Based on these investigations, site work was divided into two parts or "operable units." Operable unit 1 will involve evaluating cleanup alternatives to address 55 acres of the landfill and will include cleanup alternatives that allow on-site businesses to remain open and operate safely. Operable unit 2 will involve detailed investigation of surface water and sediment in the on-site quarry pond and the Great Miami River, in floodplain soils and in off-site groundwater.

A vapor intrusion study in 2011 and 2012 found that vapor intrusion and landfill gas migration posed an imminent and substantial endangerment to human health. Vapor intrusion occurs when chemicals in landfill materials and groundwater give off gases that can rise up through the soil and seep into buildings through foundations. To reduce sub-slab and indoor levels of trichloroethylene (TCE) and methane, EPA issued an Action Memo in October 2012 requiring site PRPs to install sub-slab depressurization systems at several on-site buildings. These systems, similar to radon mitigation systems, have been installed in several buildings along Dryden Road. They draw TCE, methane and other vapors out of the soil under the buildings and vent them outside. The PRPs installed the mitigation systems and demolished other buildings in the summer of 2013.

Site PRPs are currently conducting additional investigations of on-site groundwater and contaminant sources before finalizing cleanup alternatives. EPA will select a final cleanup plan for the landfill contents in early 2015. EPA will then begin negotiating with the PRPs for the design, construction and monitoring of this part of the remedy. In late 2013, the PRPs submitted a work plan for a full remedial investigation and feasibility study for operable unit 2 – contaminated sediment, surface water, soil and groundwater outside of the landfill property. Fieldwork will start in the summer of 2014.

EPA proposed the site for listing on the Superfund program's National Priorities List (NPL) in 2004 but did not complete the listing process in favor of addressing the site through its Superfund Alternative Sites (SAS) program."

8) Remove Jenny Davison's name and information as RPM contact.

9) Add Ohio EPA Coordinator's name to Madelyn Adams

10) The following documents that were in the old website are currently missing. I will add them if you want me to. If there are some documents you don't want please let me know. All the documents (Fact Sheets, Technical and Legal) will be available in the "Additional Reports and Documents" section:

- a) National Priorities List (NPL) Fact sheet for South Dayton Dump and Landfill September 2004
- b) South Dayton Dump and Landfill Vapor Intrusion Study (125pp, 14.68MB) November 2011
- c) Agency for Toxic Substances and Disease Registry Public Health Assessment for South Dayton Dump and Landfill (PDF)
- d) Topographical survey of the entire site (PDF) (16pp, 600K) May 2008
- e) Test pit and test trench investigation (PDF) (17pp, 327K) May 2008
- f) Ground water sampling and analysis (PDF) (12pp, 1.3MB) May 2008
- g) Unilateral Administrative Order, March, 2013

* Add new 2016 AOC and remove 2006 AOC from the "Additional Reports and Documents" section.

11) Finally if you have one to three site pictures that you would like added to website, I can place them instead of the current ones. If you are okay with the current pictures, we can leave them.

Please let me know if you are okay with these changes, have any additional recommendations or have any questions.

Thanks.

Adrian

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From: Palomeque, Adrian

Sent: Monday, July 18, 2016 4:01 PM

To: Patterson, Leslie <patterson.leslie@epa.gov>

Subject: RE: SDDL webpage updates

Leslie,

Thank you for forwarding the changes you would like to see in the website.

It seems that the changes you requested are based on the old EPA website format. I will make those changes fit the new website.

Once I have all the changes compiled together I will forward you the changes via email for your review.

In case you need it, the new website is at:

<http://www.epa.gov/superfund/southdayton-dump>

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